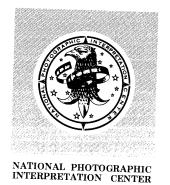
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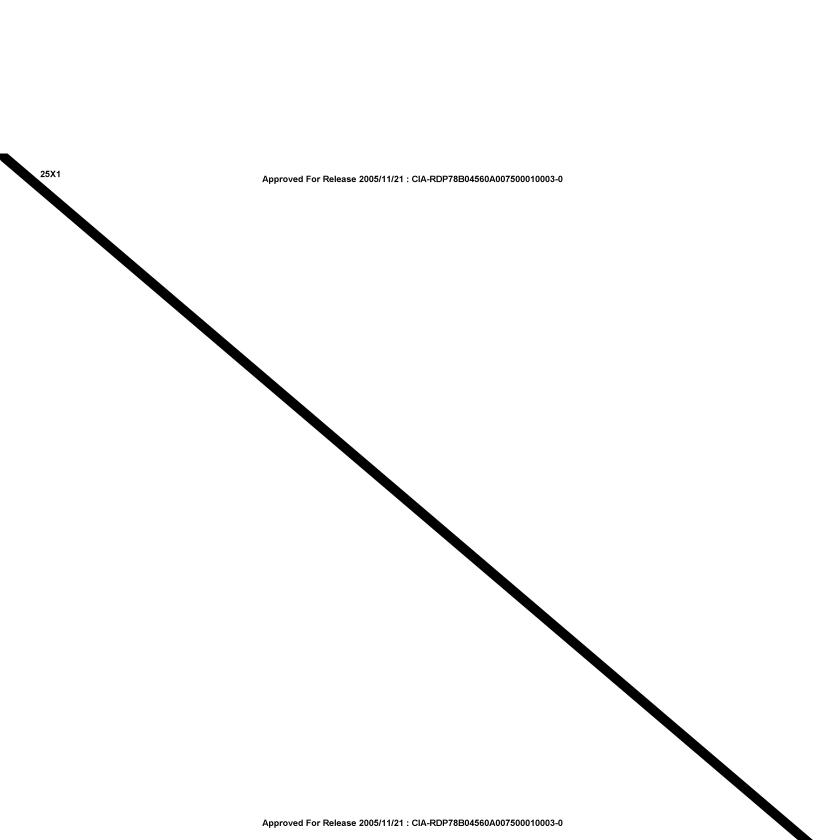
PHOTOGRAPHIC EXPLOITATION PRODUCTS

QUARTERLY INDEX TO PHOTOGRAPHIC EXPLOITATION PRODUCTS JULY - SEPTEMBER 1976

Secret

NPIC/R-10/76 OCTOBER 1976

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PHOTOGRAPHIC EXPLOITATION PRODUCTS

QUARTERLY INDEX TO PHOTOGRAPHIC EXPLOITATION PRODUCTS JULY - SEPTEMBER 1976

OCTOBER 1976

NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

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INTRODUCTION

The Index to Photographic Exploitation Products is a guide to the contents of reports and memoranda produced by means of photographic interpretation. These are added to the Exploitation Products Data File (EPF) of the National Base of Image-Derived Information (NBIDI) when received by the National Photographic Interpretation Center (NPIC). The index includes imagery interpretation reports produced by various components of the Army, Navy, Navy Force, Central Intelligence Agency, Defense Intelligence Agency, and foreign governments, as well as those produced by NPIC. At the request of the intelligence community, this publication is compiled and published quarterly then cumulated annually by NPIC for the use of properly cleared components of USIB member organizations.

Listed documents are on file in NPIC, and microfiche copies are available to requesters when parent organizations are unable to provide copies. Information, such as bibliographies on specific subjects, is available from the EPF to answer requests which cannot be satisfied from the PEP.

Requests for regular distribution of the PEP, for additional information from the EPF, or for microfiche copies of documents should be channeled through appropriate liaison offices located in NPIC. Organizations which do not have a liaison office in NPIC should submit the request in writing to: NPIC/PSG/RSD/IB

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GUIDE TO USERS

The PEP consists of six indexes:

- Subject in alphabetic sequence.
- Originator in report type/number sequence.
- General category with subject in alphabetic sequence.
- \bullet Geographic coordinate sequence. (Geographic coordinates are listed where a single area is involved.)
- WAC/BE number sequence.
- Accession number sequence.

The accession number sequence may be referred to for complete information on each document, including edited abstracts. An asterisk at the end of an abstract indicates the abstract was prepared by the Reports Analysis Section. Selected information is contained in the other sequences. The accession number should be used when requesting microfiche copies of documents.

TYPICAL ACCESSION CITATION

AF	REPT 15-72 BYDGOSZCZ AIR WAC NO : IDHS CODE :	0169 BE/0	SEC CLASS: 07 ETTES U/C COVER DBJ NO: CAT : 05A	NEW PL NPIC NO : COMIREX NO:	3P 530548N - 20-A	ACCN: S0 0175843E	959381	
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ABBREVIATIONS AND NUMERIC CODES

REPORT TYPES	
BIIB - Basic Imagery Interpretation Brief	
BIIR - Basic Imagery Interpretation Report	
BREF - Photographic Interpretation Brief	NEWS - Technical Newsletter
DPIR - Detailed Photographic Interpretation Report	
ENDR - Engineering Drawing	NOTE - Photographic Interpretation Note
	REPT - Photographic Interpretation Report
	SPIR - Special Photographic Intelligence Report
	SUMP - Summary
IIM - Imagery Interpretation Memorandum	TP - Technical Publication
INFR - Inter-office Memorandum	SECURITY CLASSIFICATION
	00 - UNCLASSIFIED
IRA - Imagery Research Aid	04 - SECRET
MCP - Mission Track	05 - SECRET/ 25X1
MEMO - Memorandum	
MODL - Model Announcement	07 - CONFIDENTIAL
NAIR - New Applications of Imagery Report	08 - CONFIDENTIAL 25X1

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		ORIGINA	ATOR	
	ACDA -	ARMS CONTROL AND DISARMAMENT AGENCY	NAVY - NAVY	
	AEC -	ATOMIC ENERGY COMMISSION	NPIC - NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER	
•	AF -	AIR FORCE	NSA - NATIONAL SECURITY AGENCY	
	ARMY -	ARMY	NTPC - NATIONAL TECHNICAL PROCESSING CENTER	
25X1				25X1
			SAC - SAC (544th RTS)	
	CIA -	CENTRAL INTELLIGENCE AGENCY	SAC-1 - SAC-1 (8th RTS)	
	DIA -	DEFENSE INTELLIGENCE AGENCY (DEFENSE PRODUCTION CENTER)	SAC-2 - SAC-2 (3921 ST RTS)	
	GMAIC -	GUIDED MISSILE AND ASTRONAUTICS INTELLIGENCE	SAC-C - SAC-C (15th RTS)	
_		COMMITTEE	STL - SPACE TECHNOLOGY LABORATORY	
25X1			SVIET - SOUTH VIETNAM (Translated PI Reports)	
_	JOINT -	JOINT (2 or more USIB members participating)		25X1
25X1			USIB - UNITED STATES INTELLIGENCE BOARD	

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EPF SUBJECT CATEGORIES

05 - AIR ACTIVITY

Airfields, seaplane stations, aircraft, storage, production, research, training, aerohydrodynamic vehicles, and air defense activity.

10 - GENERAL ACTIVITY

Complex studies, unidentified installations/equipment, and terrain or agriculture analyses.

13 - BIOLOGICAL/CHEMICAL WARFARE ACTIVITY

Research, production, testing, training, and storage.

15 - COMPREHENSIVE REPORTS

Mission readouts, summaries, and country or area studies.

25 - ELECTRONICS/COMMUNICATIONS ACTIVITY

Radar and radio installations/equipment, missile, air, naval related installations/equipment, production, research, testing.

30 - INDUSTRIAL ACTIVITY

Raw materials, basic processing, heavy and light industry, chemical plants, and power facilities. (For shipbuilding, see NAVAL. For nuclear power plants, see NUCLEAR.)

35 - MILITARY ACTIVITY

Ground force installations/equipment, production, testing, research, and repair.

40 - MISSILES & SPACE ACTIVITY

Sites, research, production, storage, and equipment.

55 - NUCLEAR ACTIVITY

Mining, production, research, testing, storage, and nuclear power plants.

60 - OVERLAYS/PLOTS

Mission Coverage Plots, Mission Coverage Statistics, tracks, and annotated maps.

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65 - RESEARCH AND DEVELOPMENT ACTIVITY

Technical publications and miscellaneous R&D installations.

75 - NAVAL ACTIVITY

Submarine bases, naval bases and air stations, shipyards, research, and equipment.

$80 - STORAGE\ ACTIVITY\ (NON-MILITARY)$

POL storage, agricultural storage, and industrial storage.

85 - TRANSPORT AND PIPELINE ACTIVITY

Road and rail activity, pipelines, and canal systems.

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NPIC/R-10/76

PART I

Listing of Reports Alphabetically

PART IV

Listing of Reports by Coordinates

PART V

Listing of Reports by WAC/BE Number

PART VI

Listing of Reports by Accession Number

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	CHENCHANG RADIO RELAY STATION NE BUNKER CONST CH 395050N 1153550E WAC NO : 0382 BE/OBJ NO: NPIC NO : - 71-C IDHS CODE: EPF CAT : 25D COMIREX NO:		25X1
	ON PHOTOGRAPHY OF A BUILDING WAS OBSERVED UNDER CONSTRUCTION AT THE CHEN-CHANG RAI STATION NE/BUNKERED. CONSTRUCTION APPEARED COMPLETE BY THE BUNKERED BUILDING COULD USED AS ON AIR-RAID SHELTER.*	DREL D BE	25X1
ĄF	BIIR RFB22-5002-76 DEC 75 SEC CLASS: 05 MSN: 18P	ACCN: 5076608	
	AIRCRAFT, FOXBAT B MIG-25 WAC NO : BE/OBJ NO: NPIC NO : IDHS CODE: EPF CAT : 050 COMIREX NO:		
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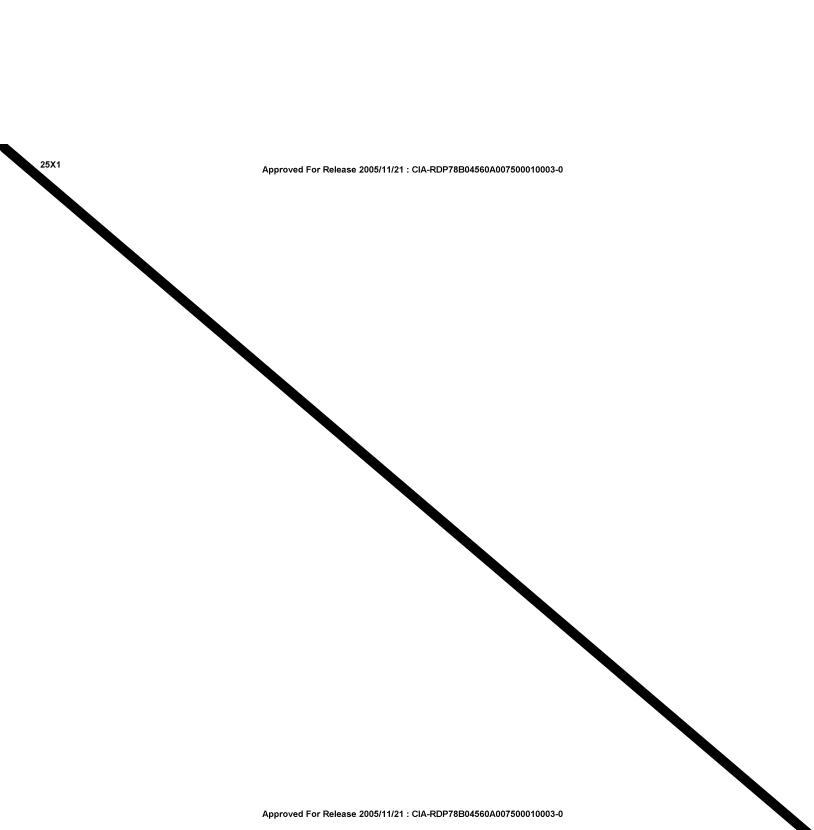
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		AIRCRAFT, HOOK MI-6		UD			
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		MILITARY, RPK 7.62MM MA		UR			
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_0,.,		IDHS CODE:	EPF CAT : 050	COMIREX NO:			
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25X1 25X1 25X1		IDHS CODE: MILITARY, S-5K 57MM AIR-TO-SURFACE ROCKET WAC NO : BE/OBJ NO: IDHS CODE: MILITARY, S-5M 57MM AIR-TO-SURFACE ROCKET WAC NO : BE/OBJ NO: IDHS CODE: EPF CAT : 35E MILITARY, S-5M AIR-TO-AIR ROCKET WAC NO : BE/OBJ NO: IDHS CODE: EPF CAT : 35E THIS DIRECT SUPPORT IMAGERY INTERPRETATIO WEAPONS MOUNTED ON THEM. THE DSIIR IS BASED OF CONTAINS A BASIC TEXT, PHOTOGRAPHS, LINE DRAW	ON HANDHELD PHOTOGRAPHY AND RE WINGS, AND A PHOTOGRAPHY AND D	LATED MATERIALS. THE	REPORT	
	CIA	THE INFORMATION CONTAINED IN THE REPORT IS INFR ERD136-76 30 APR 76	SEC CLASS: 05 MSN:	3P	ACCN: 5076629	J
25X1 25X1		VOLGODONSK NUCLEAR REACTOR FAB PLANT POSS U/C WAC NO : 0249 BE/OBJ NO: EPF CAT : 55A	NPIC NO : - 42-E COMIREX NO:			
25X1		THIS MEMORANDUM SUMMARIZES THE CONSTRUCTION PLANT BETWEEN INCLUDING A HEAVY FABRICATION BUILDING, WAS SCONSTRUCTION SUPPORT EQUIPMENT IN OPEN STORAGE	DURING THIS PERIOD CONSTRUCTI STARTED AND THERE WAS AN INCRE	ON OF ADDITIONAL BU	ILDINGS.	
	CIA	BIIR RCS13-0012-76 MAY 76	SEC CLASS: 05 MSN:	6P	ACCN: \$076663	1
25X1 25X1		NOVOKUYBYSHEVSK CHEMICAL COMBINE WAC NO : 0165 BE/OBJ NO: IDHS CODE: EPF CAT : 30F	UR 530524N 0495315E NPIC NO : COMIREX NO:			
		NOVOKUYBYSHEVSK CHEMICAL COMBINE PROCESSES PETROCHEMICAL PRODUCTS: INCLUDING SYNTHETIC A THE CHEMICAL COMBINE BEGAN OPERATING IN 19 1971-1975 FIVE YEAR PLAN NO NEW PROCESSING PL WAS ADDED TO THE ACETYLENE AND PROBABLE METHY THIS REPORT INCLUDES A DISCUSSION OF THE C AND THE VOLUME OF MAJOR PRODUCTION BUILDINGS.	ALCOHOL, ACETYLENE, POLYETHYLE 957 AND UNDERWENT EXPANSION UN LANTS WERE ADDED TO THE COMBIN YL-STYRENE PLANTS. CHEMICAL COMBINE, AND TABLES S	NE, PHENOL, AND ACE ITIL THE MID-1960S. I IE; HOWEVER, PROCESS GUMMARIZING ITS PRODU	TONE. DURING THE ING EQUIPMENT UCTION AREAS	•
	AF	NBRG NDA07-5022-76 02 JUN 76	SEC CLASS: 05B WSN:	1 P	ACCN: S076679)

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AF BIIR RFB22-5003-76	DEC 75	SEC CLASS: 05 MSN:	14P	ACCN: S076919

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				SECRET		R -1 0/76	25X1
		THIS REPORT PRE MIKOYAN-DESIGNED F ORTHOGRAPHIC ENGIN THE FOXBAT C HA	EPF CAT : 050 ESENTS AN ANALYSIS OF THE FOXBAT TWIN-ENGINE, SWEPT NEERING DRAWINGS, AND SEL AS A FUSELAGE LENGTH OF OF THE WINGTIP MASS-BALAT	E FOXBAT C (MIG-25), A TWING FIGHTER, THE REP LECTED PHOTOGRAPHY OF	ORT CONTAINS A E		25 X1
•	AF	BIIR RFB22-5004-76		SEC CLASS: 04	MSN:	22P ACCN	: S076920
25X1		MISSILES, RD-107 MI WAC NO : IDHS CODE:	ISSILE/SPACE BOOSTER BE/OBJ NO EPF CAT : 40	UR NPIC NO : COMIREX NO:			
25X1		IT INCLUDES A BASI PHOTOGRAPHY. THE RD-107 ENGI ASSEMBLY, FOUR MAI	IC DESCRIPTION, MENSURAL INE IS A LIQUID BIPROPELL	AND CONFIGURAL ANALYS LANT ROCKET ENGINE CON NO SMALLER, PIVOTABLE, AMBERS AND TURBOPUMP A	IS, ENGINEERING SISTING OF A SIN VERNIER THRUST SSEMBLY, IS	NGLE-STAGE TURBOPUMP CHAMBERS. THE OVERALL SIZE	25X1
•							
l				33 SECRET			

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		SECRET/I		R-10/76	25X
CIA	BIIR RCS13-0018-76 MAY 76	SEC CLASS: 05 MSN:	6P	ACCN: 507695	 B
25X1	NAVOI CHEMICAL COMBINE WAC NO : 0327 BE/OBJ NO:	UR 400638N 0652003E NPIC NO : - 5			
5X1	IDHS CODE: EPF CAT : SUF	NPIC NO : - 5 COMIREX NO:			
	NAVOI CHEMICAL COMBINE PROCESSES NATURAL CHEMICALS AMMONIA, ACETYLENE, AND HYDROG	GAS FROM THE BUKHARA GAS FIELDS	INTO THESE GENERAL	- FEEDSTOCK	
	INCLUDE AMMONIUM NITRATE, ACRYLONITRILE,	ACETAL DEHYDE. NITRIC ACID. AND	CELLIH OSE ACETATE		
	BETWEEN 1961 AND 1968, AN INITIAL FERTIL AMMONIUM NITRATE PLANTS WAS CONSTRUCTED, AN	D CONSTRUCTION REGAN ON ACETYLEN	F. ACRYLONITEDILE.	NID HYDDOCEN	
	CYANIDE PLANTS, AS WELL AS POSSIBLE ACETALD SECOND FERTILIZER SECTION WAS BUILT AND CON	EHTUE AND CELLULOSE ACETATE PLAN STRUCTION BEGAN ON A LIQUID HYDR	TS. BETWEEN 1968 AN OGEN PLANT. BY 197	ND 1971, A L, ALL PLANTS	
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		SECF	RET	R-10/76	25X
		WERE OPERATIONAL WITH THE EXCEPTION OF THE ACRYLONITRI WHICH APPARENTLY DID NOT BEGIN OPERATION UNTIL 1972. I SECTION WAS EXPANDED, AND CONSTRUCTION BEGAN ON A SPIN	DURING THE 1971-75 FIVE-YEAR	PLANA THE ACRYLONITEDILE	
	CIA	BIIR RCS13-0020-76 MAY 76 SEC CL	LASS: 05 MSN:	SP ACCN:	S076959
- 25×1		SALAVAT PETROLEUM REFINERY + CHEMICAL COMBINE UR WAC NO : 0165 BE/OBJ NO NPIC IDHS CODE: EPF CAT : 30 COMIF	532438N 0555400E NO : - 26 REX NO:		
25X1		THE PETROLEUM REFINERY AT THE SALAVAT PETROLEUM REF PETROCHEMICAL FEEDSTOCKS; THE PETROCHEMICAL PLANT PROC PRODUCTS AS UREA AND AMMONIUM NITRATE FERTILIZERS, POL SULFUR, ETHYLENE OXIDE, ETHYLENE GLYCOL, AND SYNTHETIC THE PETROLEUM REFINERY BEGAN OPERATING IN 1955. THE CONSTRUCTION BY THE EARLY 1960S. DURING THE 1971-1975 POLYSTYRENE PLANT, AND A LARGE UNIDENTIFIED PLANT WERE UNIDENTIFIED PROCESSING PLANT WERE STILL UNDER CONSTRU	CESSES THESE FEEDSTOCKS AND I LYSTYRENE, POLYETHYLENE, ACE C ALCOHOLS MAY ALSO BE PRODU E FIRST UNITS OF THE PETROCHI FIVE-YEAR PLAN, A SECOND ETI F COMPLETED. A NEW HIEA FERT	NATURAL GAS INTO SUCH IYLENE, NITRIC ACID, AND ED. EMICAL PLANT WERE UNDER IYLENE PLANT, A	25)
	ĄF	BIIR RFB22-5006-76 MAY 76 SEC CL	LASS: 07 MSN:	SP ACCN:	S076966
25X1		MISSILES, AS-4 WAC NO: IDHS CODE: BE/OBJ NO: OF THE PROPERT OF THE PROPERTY	NO : REX NO:		
25X1		THIS REPORT PRESENTS AN UPDATED ANALYSIS OF THE KIT AIR-TO-SURFACE MISSILE (ASM) CARRIED BY THE SOVIET BLITTHE REPORT INCLUDES A BASIC DESCRIPTION, ORTHOGRAPH THE SUBJECT MISSILE. THIS REPORT SUPERSEDES FTD BIIR,	INDER B BOMBER. THE KITCHEN /	ASM HAS A	25X 25X
		35 Secr			25X

		SECRET		R-10/76
CIA	BIIR RCS13-0019-76 JUN 76	050 01.1551 an inch		
-	SHCHEKING CHEMICAL COMBINE	SEC CLASS: 05 MSN: —UR 540240N 0373230N	6P	ACCN: S077006
	WAC NO : 0167 BE/OBJ NO	NPIC NO :		
	IDHS CODE: EPF CAT : 30			
	THE MAIN PRODUCTS OF THE SHCHEKING CHE	F COMIREX NO:	NOL, FORMALDEHYDE,	CARBONATE
	THE MAIN PRODUCTS OF THE SHCHEKINO CHE RESINS, UREA, SULFURIC ACID, CAPROLACTAM, NATURAL GAS FROM FIELDS IN THE STAVROPOL, THE CHEMICAL COMBINE, WHICH BEGAN OPER	F COMIREX NO: EMICAL COMBINE ARE AMMONIA, METHA AND NYLON-6 FIBER. THE PRIMARY F AREA. ATING IN 1956 USING FFFCSTOCKS FR	EEDSTOCK FOR THE C	OMBINE IS
	THE MAIN PRODUCTS OF THE SHCHEKINO CHE RESINS, UREA, SULFURIC ACID, CAPROLACTAM, NATURAL GAS FROM FIELDS IN THE STAVROPOL THE CHEMICAL COMBINE, WHICH BEGAN OPER, CONVERTED TO NATURAL GAS IN 1958. ALL OF EXCEPT FOR A SMALL POSSIBLE PURIFICATION S	F COMIREX NO: EMICAL COMBINE ARE AMMONIA, METHA AND NYLON-6 FIBER. THE PRIMARY F AREA. ATING IN 1956 USING FEEDSTOCKS FR THE PLANTS IN THE COMBINE WERE CO SECTION WHICH WAS ADDED TO THE CA	EEDSTOCK FOR THE C OM COAL GASIFICATI MPLETE AND OPERATI PROLACTAM PLANT DU	OMBINE IS ON, WAS ONAL BY 1970 RING THE
	THE MAIN PRODUCTS OF THE SHCHEKINO CHE RESINS, UREA, SULFURIC ACID, CAPROLACTAM, NATURAL GAS FROM FIELDS IN THE STAVROPOL THE CHEMICAL COMBINE, WHICH BEGAN OPER, CONVERTED TO NATURAL GAS IN 1958. ALL OF EXCEPT FOR A SMALL POSSIBLE PURIFICATION S	F COMIREX NO: EMICAL COMBINE ARE AMMONIA, METHA AND NYLON-6 FIBER. THE PRIMARY F AREA. ATING IN 1956 USING FEEDSTOCKS FR THE PLANTS IN THE COMBINE WERE CO	EEDSTOCK FOR THE C OM COAL GASIFICATI MPLETE AND OPERATI PROLACTAM PLANT DU	OMBINE IS ON, WAS ONAL BY 1970 RING THE
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CIA	THE MAIN PRODUCTS OF THE SHCHEKINO CHE RESINS, UREA, SULFURIC ACID, CAPROLACTAM, NATURAL GAS FROM FIELDS IN THE STAVROPOL, THE CHEMICAL COMBINE, WHICH BEGAN OPER, CONVERTED TO NATURAL GAS IN 1956. ALL OF EXCEPT FOR A SMALL POSSIBLE PURIFICATION S 1971-75 FIVE-YEAR PLAN. IN	F COMIREX NO: EMICAL COMBINE ARE AMMONIA, METHA AND NYLON-6 FIBER. THE PRIMARY F AREA. ATING IN 1956 USING FEEDSTOCKS FR THE PLANTS IN THE COMBINE WERE CO SECTION WHICH WAS ADDED TO THE CA	EEDSTOCK FOR THE C OM COAL GASIFICATI MPLETE AND OPERATI PROLACTAM PLANT DU	OMBINE IS ON, WAS ONAL BY 1970 RING THE

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36 SECRET

				SECRET/		R-10/76	25X1
		FERTILIZERS, AS WELL AS THE CHEMICAL COMBINE	VINYL ACETATE, A MAJOR BEGAN OPERATING IN THE	GIA'S FIVE MAJOR PRODUCERS OF COMBINE ALSO PRODUCES UREA FEEDSTOCK FOR THE PRODUCTION EARLY 1960S, AND WAS CONTINU E NEW PLANTS WERE ADDED TO THE TAMMONIA PLANTS.	AND AMMONIUM NITRAT	E	
	NAVY	BIIR RNG23-5011-76	MAY 76	SEC CLASS: 05 MSN:	9P	ACCN: 5077043	
٬ 25X1		SHIPS, SOHUNG CLASS PTG WAC NO : IDHS CODE:	BE/OBJ NO: EPF CAT: 750	KN NPIC NO : COMIREX NO:		ACCH1 3077043	,
25X 1		ANALYTICAL COMMENTS. THUS FAR, THE SOHUNG INITIAL EFFORT AT INDIGE A MAXIMUM BEAM CONSISTS OF A TWIN 14.5- LAUNCHER HOUSINGS. THE LENGTH DIMENSION CONFIDENCE LEVEL AND THE CONFIDENCE LEVEL.	PTG IS A SINGLE SHIP IN ENOUS PTG CONSTRUCTION. F		AND ELECTRONIC INVI VENTORY, AND IT IS TH AN OVERALL LENG	KOREA'S TH THE AKMAMENT SSILE WITH A 95%	25X1 25X1 25X1
	CIA	INFR MSD161-76 28	JUN 76	SEC CLASS: 05 MSN:	1P	ACCN: 5077107	
		SHANMEN SATELLITE LAUNCH WAC NO : 0384 IDHS CODE:	FACILITY SEARCH BE/OBJ NO: EPF CAT : 40H	CH 3441 N 10621 E NPIC NO : COMIREX NO:			
	CIA	BIIR RCS13-0016-76	JUN 76	SEC CLASS: 05 MSN:	16P	ACCN: 5077122	
25X1 25X1		INDUSTRY, PETROLEUM REFIN WAC NO : IDHS CODE: AL ISKANDARIYAH PETROLEUM WAC NO : 0448 IDHS CODE: AL ISKANDARIYAH PETROLEUM WAC NO : 0448	BE/OBJ NO: EPF CAT : 30B REFINERY/STGE GABIR BE/OBJ NO:	EG NPIC NO : COMIREX NO: EG 310530N 0295130E NPIC NO : - 2-E2 COMIREX NO: E6 310530N 0295130E NPIC NO : - 2-E2		ACCN: 50//122	25X1
				37 SECRET/			25X1

			SECRET	7- -3	10/76	25X1
25X1		IDHS CODE: EPF CAT : 80A AL ISKANDARIYAH PETROLEUM REFINERY MEX SERCOP	COMIREX NO:			25X1
25X1 25X1		WAC NO : 0448 BE/OBJ NO: IDHS CODE: EPF CAT : 30B	NPIC NO : - 2-E1 COMIREX NO:			
25X1 25X1		AS SUWAYS PETROLEUM REFINERY + STORAGE EAST WAC NO : 0447 BE/OBJ NO: IDHS CODE: EPF CAT : 30B	EG 295743N 0323135E NPIC NO : - 8-G COMIREX NO:			٠
25X1 25X1		TANTA PETROLEUM REFINERY WAC NO: 0447 BE/OBJ NO: 10HS CODE: EPF CAT: 30B	EG 304750N 0305735E NPIC NO : COMIREX NO:			
25X1 25X1		AL QAHIRAH PETROLEUM REFINERY + STGE MUSTURUD WAC NO : 0447 BE/0BJ NO: IDHS CODE: EPF CAT : 8UA	EG 300843N 0311755E NPIC NO : - 2-R2 COMIREX NO:			
25X1 25X1 25X1		AL QAHIRAH PETROLEUM REFINERY + STGE MUSTURUD WAC NO : 0447 BE/OBJ NO: IDHS CODE: EPF CAT : 30B	EG 300843N 0311755E NPIC NO : - 2-R2 COMIREX NO:			
25X1		AS SUWAYS PETROLEUM REFINERY + STORAGE WEST WAC NO : 0447 BE/08J NO:	EG 265730N 0323015E NPIC NO :			
25X1 25X1		IDHS CODE: EPF CAT : 80A AS SUWAYS PETROLEUM REFINERY + STORAGE WEST WAC NO : 0447 BE/0BJ NO: -	COMIREX NO: EG 265730N 0323015E NPIC NO :			
25X1		IDHS CODE: EPF CAT : 30B AS SUWAYS PETROLEUM REFINERY + STORAGE EAST WAC NO : 0447 BE/OBJ NO:	COMIREX NO: EG 295743N 0323135E NPIC NO : - 8-G			
25X1 25X1		IDHS CODE: EPF CAT : 80A THE EGYPTIAN PETROLEUM REFINING INDUSTRY CO	COMIREX NO:	D OF WHICH ARE IN ORFDATIO	DN -	
		THE OTHER TWO WERE DAMAGED BY THE ISRAELIS IN CRUDE OIL CHARGE CAPACITY OF THE FOUR OPERATIN ALTHOUGH THE FIRST OF THE SIX REFINERIES WAS BEGYPTIAN REFINERIES ARE PREDOMINANTLY OF FO	1967 AND 1969, AND ARE STILL G REFINERIES IS 8.5-10.5 MILL UILT IN 1913, THREE OF THEM W	UNDER REPAIR. THE ESTIMATE ION METRIC TONS A YEAR. ERE BUILT AFTER THE 1967 W	ED War•	
		SWISS EQUIPMENT, THEY PRODUCE STRAIGHT-RUN AND LUBRICATING OILS, WAX, ASPHALT, AND GASEOUS HY	HIGH-OCTANE GASOLINE, KEROSE DROCARBONS.	NE, DIESEL AND FUEL OILS,	,	
		THIS REPORT SUMMARIZES THE GROWTH AND CURRE DESCRIPTION AND ANNOTATED PHOTOGRAPH OF EACH R	NT STATUS OF THE INDUSTRY. IT EFINERY.	ALSO INCLUDES A BRIEF		
	CIA	BIIR RCS13-0021-76 JUL 76	SEC CLASS: 05 MSN:	6P	ACCN: 5077129	,
25X1		KEMEROVO CHEMICAL COMBINE NOVOKHIM WAC NO : 0161 BE/OBJ NO:	UR 552059N 0855854E NPIC NO : - 10-J3			
25X1		ICHS CODE: EPF CAT : 30F	COMIREX NO:			25X1
			38 SECRET∕			25X1

							SECR	ET/				R-10/76		25X1
2 5 X1	CIA	PLAI AMM	O FIBER FO L AS AMMOI THE COMBIN NO CONSTRI ONIUM NITI	EEDSTOCKS A NIUM NITRAT NE BEGAN OF UCTION WAS RATE PLANTS PLANTS IN	AND FERTILIZER E, AMMONIUM S PERATING IN 19 COMPLETED ON CONSTRUCTION	RS. ITS MAIN SULFATE, AND 960 AND HAS SEVERAL OF	PRODUC POSSIE BEEN EX THE PRO UNDER W	TS INCL LY UREA PANDING DUCTION	UDE AMM FERTIL EVER S PLANTS N IMPOR	IONIA, CA IZERS. INCE. DU AND ON RTED KELL	NEARBY COKE C PROLACTAM, AND RING THE 1971- A THIRD PRILLI OGG AMMONIA PL	METHANOL, AS 75 FIVE YEAR NG TOWER AT THE ANT AND TWO	N: S077130	
25X1 25X1	··		SYNTHETIC	ALCOHOL PL			UR NPIC COMIF	545239N NO : REX NO:	056065	50E				
		REF BUT 195 CON POL WAS	INERIES I YL ALCOHO THE FIRST 6. CONSTR TINUED TH YETHYLENE EXPANDED THIS REPO	NTO POLYETH AND SYNTH PART OF TH UCTION OF TH ROUGH THE PLANT WAS RT CONTAINS	HYLENE, SYNTHI HETIC RUBBER I HE PETROCHEMI ADDITIONAL PL 1960S AND EARI COMPLETED ANI	ETIC ETHYL A MAY ALSO BE CAL COMBINE ANTS, INCLUD LY 1970S. DU THE PRODUC CUSSION OF I	LCOHOLA PRODUCE TO BEGI DING TWO PRING TH CT PURIF	PHENOL O IN OPERA IMPORT HE 1971- FICATION	TING WA	NE METH AS THE SY E YEAR PL ON OF ONE	YNTHETIC ETHYL AN, A SOVIET-D OF THE TWO ET	ALCOHOL PLANT IN		25X1
	CIA	BIIR	RCS13-0	032-76	JUL 76		SEC CI	_ASS: 05	MSN	:	6P	ACC	N: S077166	
25X1 25X1		SUMG	AIT PETRO WAC NO IDHS COD		OMBINE BE/OBJ EPF CAT		UR NPIC COMIN	403640N NO : REX NO:	049353 - 79-6					
25 _, X1		MAS CON IDE	THE CASPI NTIFIED A STRUCTION THE PETRO STARTED	AN SEACOAS RE POLYETH DIFFICULT CHEMICAL C PARTICULAR OR COMPLET	T ABOUT 35 KI YLENE, GASOLI IES APPARENTL OMBINE REPORT LY SIGNIFICAN ED ON SIX PRO	LOMETERS (KN NE, AROMATION Y HAVE DELAN EDLY BEGAN (T WAS THE EN CESSING UNIT TSCUSSION OF	A) NORTH CS (BTX YED THE DPERATION (PANSION TS.	HWEST OF), AND G START C NG IN 19 N DURING	F BAKU. GASEOUS OF SYNTE OF SYNTE OF THE 1	THE MAIN HYDROCAN HETIC RUN EXPANSION 971-75 FI ABLE SUM	N PRODUCTS THAT RBONS. TECHNICA BBER PRODUCTION ON HAS BEEN CON IVE YEAR PLAN V	AL OR A AT THE COMBINE. ITINUOUS THROUGH WHEN CONSTRUCTION RODUCTION AREAS		
	AF	BIIR	RF822-5	007-76	JUN 76		SEC C	LASS: 04	MSN	:	16P	ACC	N: S077187	
							3 SEC	9 RET						25X1

				Approved For Release	2005/11/21 : CIA-RDP7	8B04560A007500010003	3-0		
					SECRET		R-	10/76	25X
25X1	MIS	SILES, RD-119 MI WAC NO : IDHS CODE:	SSILE/SP#	CE BOOSTER BE/OBJ NO: EPF CAT : 401	UR NPIC NO : COMIREX NO:				
25X1	CH	OTOGRAPHY. THE RD-119 ENGI AMBER AND AN ATT	NE IS A L	TOUTD BIRDORELL AND	ROCKET ENGINE WI	TH A SINGLE-STAGE	PROPELLANT ROCKET ENGI DRAWINGS, AND SELECTED TURBOPUMP, A SINGLE I DING THE THRUST CHAMBE)	25X ⁻
ĄF		.,,,	19 MAY	• -	SEC CLASS: 07	MSN:	2P	ACCN: SO7	7195
	ELEC	CTRONICS, UHF AN WAC NO : IDHS CODE:	TENNA ARR	AY BE/OBJ NO: EPF CAT : 25D	CZ NPIC NO : COMIREX NO:				
AF	-	81016-76	06 JUL	76	SEC CLASS: 08A	MSN:	1P	ACCN: SO7	7214
25X1	WISS	SILES, AA-7 WAC NO : IDHS CODE:		BE/OBJ NO: EPF CAT: 40J	UR NPIC NO : COMIREX NO:				
CI		RCS13-0022-76	JUL	76	SEC CLASS: 05	MSN:	8P	ACCN: SO77	7232
25X1	SEVE	RODONETSK CHEMIC WAC NO : 0234 IDHS CODE:	AL PLANT	BE/OBJ NO EPF CAT SUF	UR 485630N 0 NPIC NO : - COMIREX NO:				
	CON	ER PRODUCTS. THE CHEMICAL COM TINUOUSLY SINCE BINE.	BINE BEGA	N OPERATING IN THE • DURING THE 1971-7	MID-1950S AND HA 5 FIVE YEAR PLAN	S BEEN UNDERGOING FOUR NEW PLANTS	TILIZERS AND A VARIET EXPANSION ALMOST WERE ADDED TO THE		
	THE	VOLUMES OF MAJO	UDES A GE R PRODUCT	NERAL DESCRIPTION O ION BUILDINGS, AND	F THE COMBINE, A PHOTOGRAPHS OF	TABLE SUMMARIZIN	G ITS PRODUCTION AREAS	S AND	
DIA		NDA07-5028-76	30 JUL		SEC CLASS: 056		1P	ACCN: S077	307
					40 SECRET	\neg			25X ⁻
					0.011.				20/

			SECRET	R-10/76	25X1
25X1 25X1		TAIYUAN MILITARY AREA 1 WAC NO : 0382 IDHS CODE: EPF CAT : 35	CH 3752 N 11233 E NPIC NO : COMIREX NO:		
	ĎΙΑ	NBRG NDA07-5029-76 30 JUL 76	SEC CLASS: 05G MSN: 1P	ACCN: 5077308	
25X1 25X1		TAIYUAN ARMY BARRACKS + HEADQUARTERS AL9 WAC NO : 0382 IDHS CODE: EPF CAT : 35A	CH 374655N 1123545E NPIC NO : - 12-C2 COMIREX NO:		25X1
	DIA	NBRG NDA07-5030-76 30 JUL 76	SEC CLASS: 05G MSN: 1P	ACCN: 5077309	
25X1		TAYU ARMY BARRACKS AL1 WAC NO : 0382 IDHS CODE: BE/OBJ NO: 55A	CH 380900N 1124330E NPIC NO : - 12-58 COMIREX NO:		25X1
	DIA	NBRG NDA07-5031-76 30 JUL 76	SEC CLASS: 056 MSN: 1P	ACCN: S077310	
25X1 25X1		WAC NO : 0382 BE/OBJ NO:	CH 380356N 1123816E NPIC NO : - 12-S COMIREX NO:		25X1
	DIA	NBRG NDA07-5032-76 30 JUL 76	SEC CLASS: 056 MSN: 1P	ACCN: 5077311	
25X1 25X1		YUTZU MILITARY AREA 1 WAC NO : 0382 IDHS CODE: EPF CAT : 35	CH 3742 N 11244 E NPIC NO : COMIREX NO:		
	DIA	NBRG NDA07-5033-76 30 JUL 76	SEC CLASS: 056 MSN: 1P	ACCN: S077312	
25×1		YUTZU ARMY BARRACKS AL2 + HQ INFANTRY DIV WAC NO : 0382 IDHS CODE: EPF CAT : 35A	CH 374228N 1124453E NPIC NO : - 16-H COMIREX NO:		25X1
	DIA	NBRG NDA07-5034-76 30 JUL 76	SEC CLASS: 056 MSN: 1P	ACCN: S077313	
25X1 25X1		WAC NO : 0382 BE/OBJ NO: DHS CODE: EPF CAT : 35A	CH 374811N 1123626E NPIC NO : - 12-T COMIREX NO:		25X1
	DIA	NBRG NDA07-5035-76 30 JUL 76	SEC CLASS: 05G MSN: 1P	ACCN: 5077314	

SECRET/

			SECRET/	R-10/76	25X1
25X1 25X1		YUTZU ARMY BARRACKS AL1 WAC NO : 0382 IDHS CODE: EPF CAT : 35A	CH 374347N 1124431E NPIC NO : - 16-E COMIREX NO:		25X1
	DIA	NBRG NDA07-5036-76 30 JUL 76	SEC CLASS: 05G MSN: 1P	ACCN: S077315	
25X1 25X1		CHIHSIEN ARMY BARRACKS AL1 WAC NO : 0382 IDHS CODE: BE/OBJ NO: 55A	CH 372146N 1121931E NPIC NO : - 12-Z COMIREX NO:		25X1 ⁻
	DIA	NBRG NDA07-5037-76 30 JUL 76	SEC CLASS: 056 MSN: 1P	ACCN: S077316	
25X1 25X1		TAIKU ARMY BARRACKS AL1 WAC NO : 0382 IDHS CODE: EPF CAT : 35A	CH 372508N 1123526E NPIC NO : - 19-C COMIREX NO:		25X1
	DIA	NBRG NDA07-5038-76 30 JUL 76	SEC CLASS: 056 MSN: 1P	ACCN: S077317	
25X1 25X1		HSINHSIEN MILITARY AREA 1 WAC NO : 0382 IDHS CODE: EPF CAT: 35	CH 3824 N 11247 E NPIC NO : COMIREX NO:		
	DIA	NBRG NDA07-5039-76 30 JUL 76	SEC CLASS: 05G MSN: 1P	ACCN: S077318	
25X1 25X1		HSINHSIEN MILITARY BARRACKS AL1 + HQ INF DIV WAC NO : 0382 BE/OBJ NO: IDHS CODE: EPF CAT : 35A	CH 382513N 1124406E NPIC NO : - 26-A COMIREX NO:		25X1
	DIA	NBRG NDA07-5040-76 30 JUL 76	SEC CLASS: 05G MSN: 1P	ACCN: 5077319	
25X1 25X1		TINGHSIANG ARMY BARRACKS AL3 WAC NO : 0382 IDHS CODE: EPF CAT : 35A	CH 382940N 1124458E NPIC NO : - 26-G COMIREX NO:		25X1,
	DIA	NBRG NDA07-5041-76 30 JUL 76	SEC CLASS: 05G MSN: 1P	ACCN: 5077320	
25X1 25X1		TINGHSIANG ARMY BARRACKS SOUTH AL2 WAC NO : 0382 BE/OBJ NO: IDHS CODE: EPF CAT : 35A	CH 382825N 1125715E NPIC NO : - 26-B1 COMIREX NO:		•
	DIA	NBRG NDA07-5042-76 30 JUL 76	SEC CLASS: 05G MSN: 1P	ACCN: S077321	

		SECRETA	R-10/76	25X1
25X1 25X1	YENTSUN ARMY BARRACKS AL1 WAC NO: 0382 BE/OBJ NO: IDHS CODE: EPF CAT: 35	CH 381812N 1124230E NPIC NO : - 26-D3 COMIREX NO:		25X1
• ,	DIA NBRG NDA07-5043-76 30 JUL 76	SEC CLASS: 05G MSN:	1P ACCN:	S077322
25X1 25X1	CHITSUN ARMY BARRACKS AL1 WAC NO : 0382 IDHS CODE: EPF CAT : 35	CH 383224N 1123616E NPIC NO : - 26-F COMIREX NO:		25X1
	DIA NBRG NDA07-5044-76 30 JUL 76	SEC CLASS: 05G MSN:	1P ACCN:	S077323
25X1 25X1	YUANPING MILITARY AREA 1 WAC NO : 0382 BE/OBJ NO: IDHS CODE: EPF CAT : 35	CH 3842 N 11246 E NPIC NO : COMIREX NO:		
	DIA NBRG NDA07-5045-76 30 JUL 76	SEC CLASS: 05G MSN:	1P ACCN:	S077324
25X1 25X1	YUANPING MILITARY BARRACKS AL3 + HQ INF DI WAC NO : 0382 BE/OBJ NO: IDHS CODE EPF CAT : 35	NPIC NO : - 15-A2		

43 SECRET

25X1

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